

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

**EP 0 930 770 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**16.08.2000 Bulletin 2000/33**

(51) Int. Cl.<sup>7</sup>: **H04N 1/00**

(43) Date of publication A2:  
**21.07.1999 Bulletin 1999/29**

(21) Application number: **98120503.2**

(22) Date of filing: **29.10.1998**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**

(30) Priority: **14.01.1998 JP 533198**

(71) Applicant:  
**mitsubishi denki kabushiki kaisha  
Tokyo 100-8310 (JP)**

(72) Inventors:  
• **Aoki, Toru  
Chiyoda-ku, Tokyo 100 8310 (JP)**

• **Hamaguchi, Tadahiko  
Chiyoda-ku, Tokyo 100 8310 (JP)**  
• **Matoba, Narihito  
Chiyoda-ku, Tokyo 100 8310 (JP)**  
• **Saito, Masayuki  
Chiyoda-ku, Tokyo 100 8310 (JP)**  
• **Kamo, Masayoshi  
Chiyoda-ku, Tokyo 100 8310 (JP)**

(74) Representative:  
**Pfenning, Meinig & Partner  
Mozartstrasse 17  
80336 München (DE)**

(54) **Portable cellular phone having the function of a camera**

(57) A portable cellular phone includes audio input means, transmission means for transmitting to a calling/called party audio information converted by the input means, character information input means, and character memory. The portable cellular phone further includes a digital camera which photographs an image and outputs image information, image memory which stores the image information, a system control section which links the image information of the digital camera or of the image memory to character information of the character memory, display means which displays linked information items, and changeover means which switches the image information received from the image memory to audio information in such a way that means for transmitting the audio information transmits the image information.

**EP 0 930 770 A3**

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 12 0503

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

26-06-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9726744 A	24-07-1997	AU 1363697 A	11-08-1997
		CA 2243244 A	24-07-1997
		CN 1208529 A	17-02-1999
		EP 0875109 A	04-11-1998
US 5581299 A	03-12-1996	NONE	
JP 08088841 A	02-04-1996	NONE	
US 5666159 A	09-09-1997	US 5943603 A	24-08-1999

EPO FORM P0489

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 98 12 0503

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	WO 97 26744 A (ROBB GARRY DOUGLAS) 24 July 1997 (1997-07-24)	1-7,9,10	H04N1/00
Y	* the whole document *	8	
Y	US 5 581 299 A (RANEY ROBERT B) 3 December 1996 (1996-12-03)	8	
A	* abstract * * column 1, line 15 - line 18 * * column 2, line 23 - line 26 * * claims 1,6 *	1-7,9,10	
A	--- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08, 30 August 1996 (1996-08-30) & JP 08 088841 A (ADO MANIYU:KK), 2 April 1996 (1996-04-02) * abstract *	1-10	
A	--- US 5 666 159 A (PARULSKI KENNETH A ET AL) 9 September 1997 (1997-09-09) * abstract *	1-10	<div>TECHNICAL FIELDS SEARCHED (Int.Cl.6)</div> <div>H04N H04M</div>
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>26 June 2000</b>	Examiner <b>Stoffers, C</b>
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03 82 (P04C01)